

031-01



TO THE ASSISTANT COMMISSIONER

101830859

inal documents or copy thereof.

1. Name of conveying party(ies): (If multiple assignors, list numerically)

Harold L. Dunegan

Additional name(s) of conveying party(ies) attached?

() Yes (X) No

2. Name and address of receiving party(ies):

Name: Dunegan Engineering Consultants, Inc.

Internal Address:

Street Address: 32240 Paseo Adelanto #B1

City: San Juan Capistrano State: CA ZIP: 93693

Additional name(s) of receiving party(ies) attached?

() Yes (X) No

3. Nature of conveyance:

- Assignment
- Merger
- Security Agreement
- Change of Name
- Other:

Execution Date: (If multiple assignors, list execution dates in numerical order corresponding to numbers indicated in 1 above) August 24, 2001

4. Application number(s) or Patent number(s):

() Application(s) filed herewith Execution Date(s):

() Patent Application No.:
Filing Date:

(X) Patent No.: 6,173,613
Issue Date: January 16, 2001

Additional numbers attached? () Yes (X) No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Louis J. Knobbe
 KNOBBE, MARTENS, OLSON & BEAR, LLP
 Customer No. 20,995
 Internal Address: Sixteenth Floor
 Street Address: 620 Newport Center Drive
 City: Newport Beach State: CA ZIP: 92660
 Attorney's Docket No.: DUNGN.4DV3C1

7. Total fee (37 CFR 1.21(h)): \$40

(X) Enclosed
() Authorized to be charged to deposit account

8. Deposit account number: 11-1410

Please charge this account for any additional fees which may be required, or credit any overpayment to this account.

6. Total number of applications and patents involved: 1

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct, and any attached copy is a true copy of the original document.

Louis J. Knobbe
Name of Person Signing

Signature

August 28, 2001
Date

18,780
Registration No.

Total number of pages including cover sheet, attachments and document: 3

Mail documents to be recorded with required cover sheet information to:

08/31/2001 DBYRME 00000134 6173613
 01 FC:581 40.00 DP

U.S. Patent and Trademark Office
 Attn: Assignment Division
 Crystal Gateway-4
 1213 Jefferson Davis Highway, Suite 320
 Arlington, VA 22202

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ASSIGNMENT

WHEREAS, I, Harold L. Dunegan, a citizen residing at 22812 Tamora Drive, Laguna Niguel, CA, 92677 (hereinafter "ASSIGNOR"), represent and warrant that I am the sole owner of the entire right, title, and interest to certain new and useful improvements for which I have filed the following United States issued Letters Patent in the United States (hereinafter "the Patent"):

<u>Patent No.</u>	<u>Issue Date</u>	<u>Title</u>
6,173,613	January 16, 2001	MEASURING CRACK GROWTH BY ACOUSTIC EMISSION

WHEREAS, Dunegan Engineering Consultants, Inc., a California corporation having offices at 32240 Paseo Adelanto #B1, San Juan Capistrano, CA (hereinafter "ASSIGNEE") desires to purchase the entire right, title, and interest in and to the inventions disclosed in the Patent;

NOW, THEREFORE, in consideration of valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby further acknowledges that it has sold, assigned, and transferred, and by these presents does hereby sell, assign, and transfer, unto ASSIGNEE, its successors, legal representatives, and assigns, the entire right, title, and interest throughout the world in, to, and under the said improvements, and the said Patent and all Patents that may be granted thereon, and all provisional applications relating thereto, and all divisions, continuations, reissues, reexaminations, renewals, and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent that may hereafter be filed for said improvements or for the said Patent in any country or countries foreign to the United States; and ASSIGNOR hereby authorizes and requests the Commissioner of Patents of the United States, and any Official of any country foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements and all Letters Patents resulting from the Patent to ASSIGNEE, its successors, legal representatives, and assigns, in accordance with the terms of this Agreement.

ASSIGNOR does hereby sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of the said issued Patent;

ASSIGNOR hereby covenants and agrees that it will communicate to ASSIGNEE, its successors, legal representatives, and assigns any facts known to ASSIGNOR respecting the Patents immediately upon becoming aware of those facts, and that it will testify in any legal proceeding involving the Patents, will sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths, and will generally do everything possible to aid ASSIGNEE, its successors, legal representatives, and assigns to obtain and enforce the Patents in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 27 day of August, 2001.

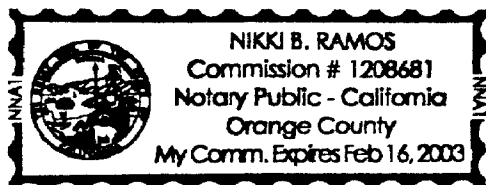
Harold L. Dunegan
Harold L. Dunegan

STATE OF California }
COUNTY OF Orange } ss.

On 8/24/01, before me, Nikki B. Ramos, personally appeared Harold L. Dunegan personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



Nikki B. Ramos
Notary Signature

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